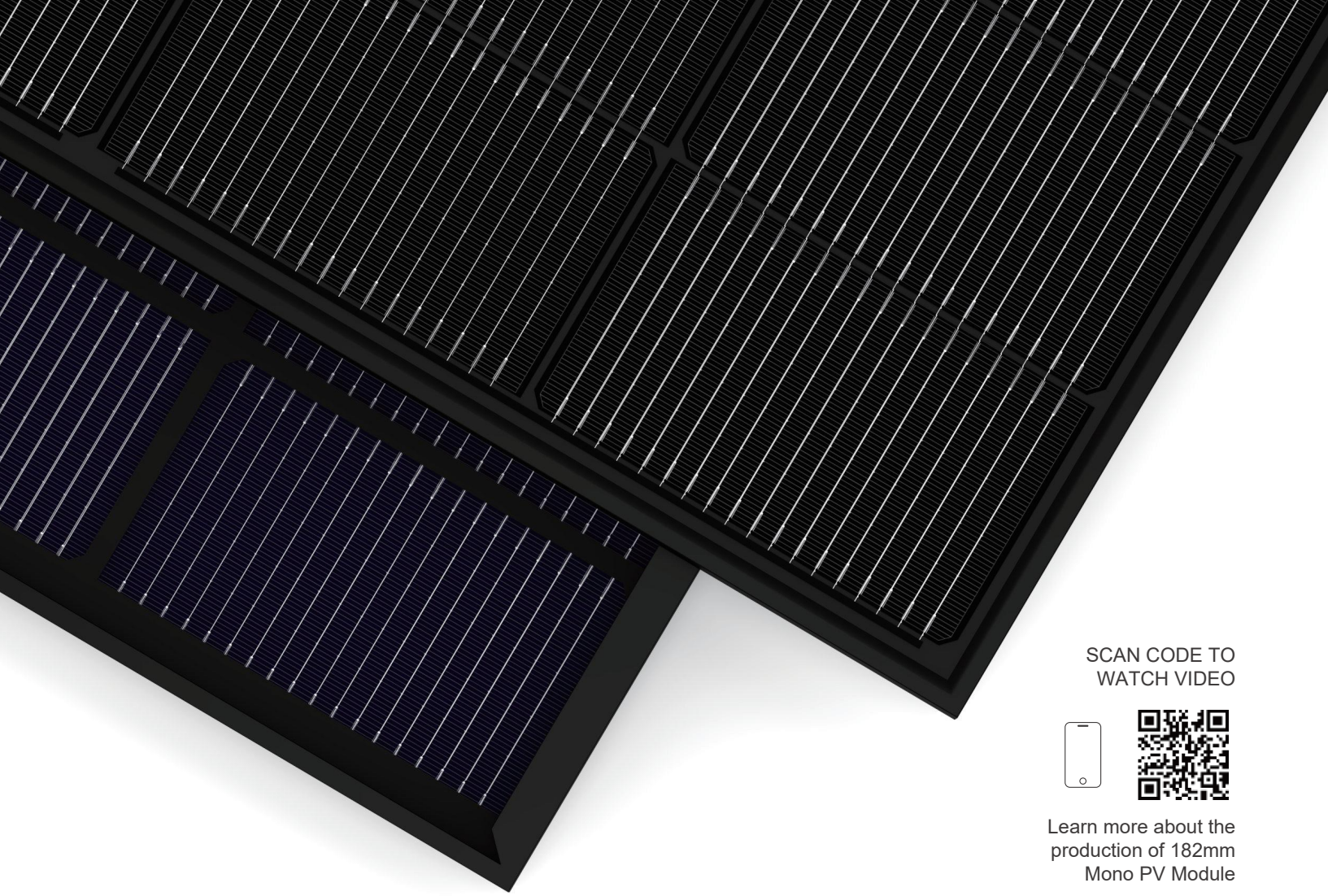


SCAN CODE TO
WATCH VIDEO

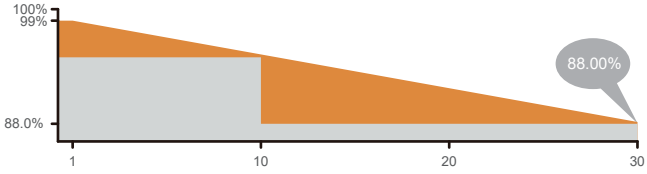
Learn more about the
production of 182mm
Mono PV Module

SKT440~460M10

440~460 Watt

210x182mm 18BB 96Cells All Black Double Glass Bifacial
HJT Mono Half Cell PV Module Series

Sunket Linear Warranty



15 Years
Materials and
workmanship

30 Years
88.0% Output
Power guarantee

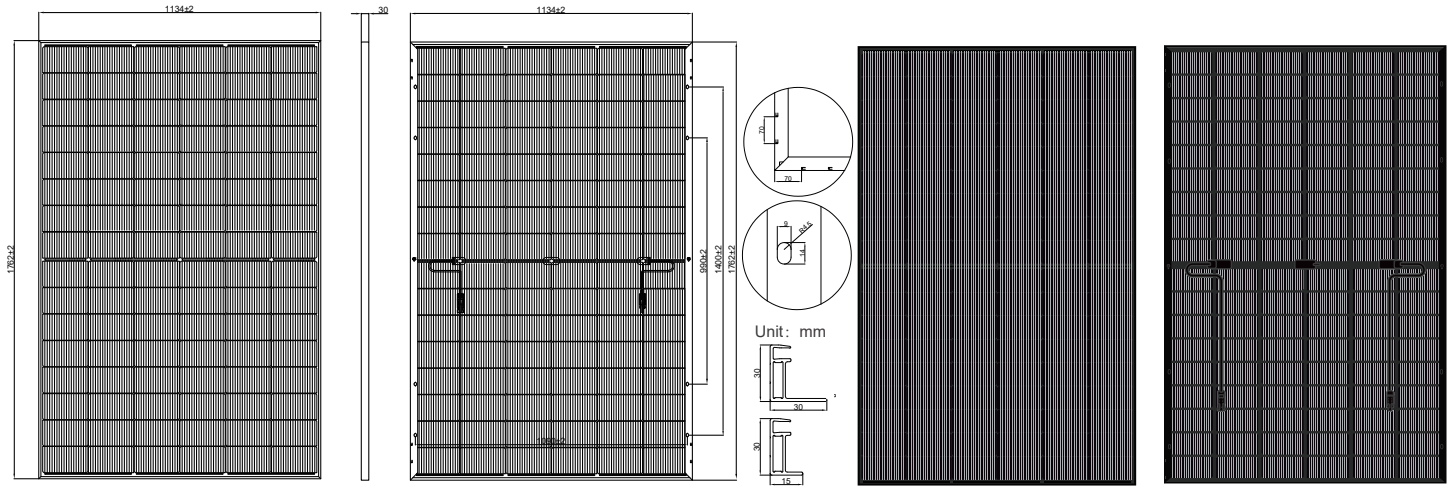
- SMBB HJT Half Cut Cell
- Excellent Low-light Performance
- 100% Inspection Guarantee Reliability
- Anti PID
- Strengthened Mechanical Load
- Advanced Bifacial Efficiency

SUNKET® - Solar

SUNKET® - Solar

SKT440~460M10

210×182mm 18BB 96Cells All Black Double Glass Bifacial
HJT Mono Half Cell PV Module



All Dimensions in mm
The above drawing is a graphical representation of the product.

Electrical Characteristics (STC/BSTC)

Module Type	SKT440M10		SKT445M10		SKT450M10		SKT455M10		SKT460M10	
	STC	BSTC	STC	BSTC	STC	BSTC	STC	BSTC	STC	BSTC
Maximum Power- Pmax(W)	440	490	445	495	450	500	455	505	460	510
Open Circuit Voltage - Voc(V)	36.68	36.68	36.95	36.95	37.22	37.22	37.47	37.47	37.72	37.72
Short- Circuit Current - Isc(A)	15.26	17.01	15.30	17.05	15.36	17.12	15.41	17.17	15.45	17.22
Voltage at Pmax -Vmp(V)	30.43	30.43	30.66	30.66	30.88	30.88	31.10	31.10	31.30	31.30
Current at Pmax - Imp(A)	14.47	16.11	14.53	16.15	14.60	16.19	14.66	16.24	14.72	16.30
Module Efficiency -ηm(%)	22.02	/	22.27	/	22.52	/	22.77	/	23.02	/
Power Tolerance(W)	(0，+4.99W)									
Maximum System Voltage(V)	1500Vdc (IEC / UL)									
Maximum Series Fuse Rating (A)	30A									

STC ： Irradiance 1000W/m²， Cell Temperature 25°C， Air Mass 1.5　　BSTC : Front side irradiation 1000W/m², back side reflection irradiation 135W/m², AM=1.5, Ambient Temperature 25°C.

Mechanical Specifications

External Dimensions	1762x1134x30mm
Weight	23kg
Solar Cells	HJT Mono crystalline 182mm (2x48pcs)
Front Glass	AR Coated 1.6+1.6mm tempered glass
Frame	Anodized aluminum alloy
Junction Box	IP68
Output Cables	4.0mm², 1200mm (+), 1200mm (-), length can be customized
Connector	MC4 Compatible
Mechanical Load	Front Side Max. 5400Pa, Rear Side Max. 2400Pa

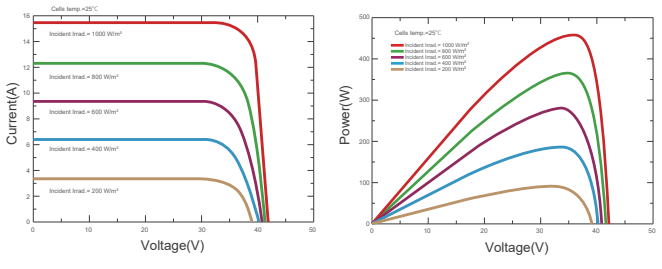
Packing Configuration

	1762x1134x30mm
Container	40'HQ
Pieces per Pallet	36
Pallets per Container	26
Pieces per Container	936

Temperature Characteristics

Pmax Temperature Coefficient	-0.260%/°C
Voc Temperature Coefficient	-0.240%/°C
Isc Temperature Coefficient	+0.040%/°C
Operating Temperature	-40~+85°C
Nominal Operating Cell Temperature(NOCT)	44±2°C

Current-Voltage & Power-Voltage Curves (SKT460M10)



 ©Copyright 2024 Sunket